

GEOOTHERMAL HOT LINE

Published by the
Division of Oil and Gas
for the
Geothermal Resources Board
STATE OF CALIFORNIA

SPECIAL K.G.R.A. ISSUE

July 1971

As announced in the fourth issue of the "Hot Line," this special issue is devoted to listing the Known Geothermal Resources Areas (K.G.R.A.'s). These areas were delineated by the U.S.G.S. and were published in the "Federal Register" March 25, April 2, April 3, and April 17, 1971. These determinations are a result of the enactment of the federal "Geothermal Steam Act", which was signed into law on December 24, 1970.

It must be clearly understood that the areas designated by the U.S.G.S. as K.G.R.A.'s have no relationship to the regulation of geothermal operations by the State of California and apply only to U.S. Government land and federal regulations.

Designation of the state's geothermal resources areas, as defined in the Public Resources Code, will be made in the near future by the Geothermal Resources Board in conjunction with the State Lands Division.

NOTE: Scale of all location maps is 1:250,000.

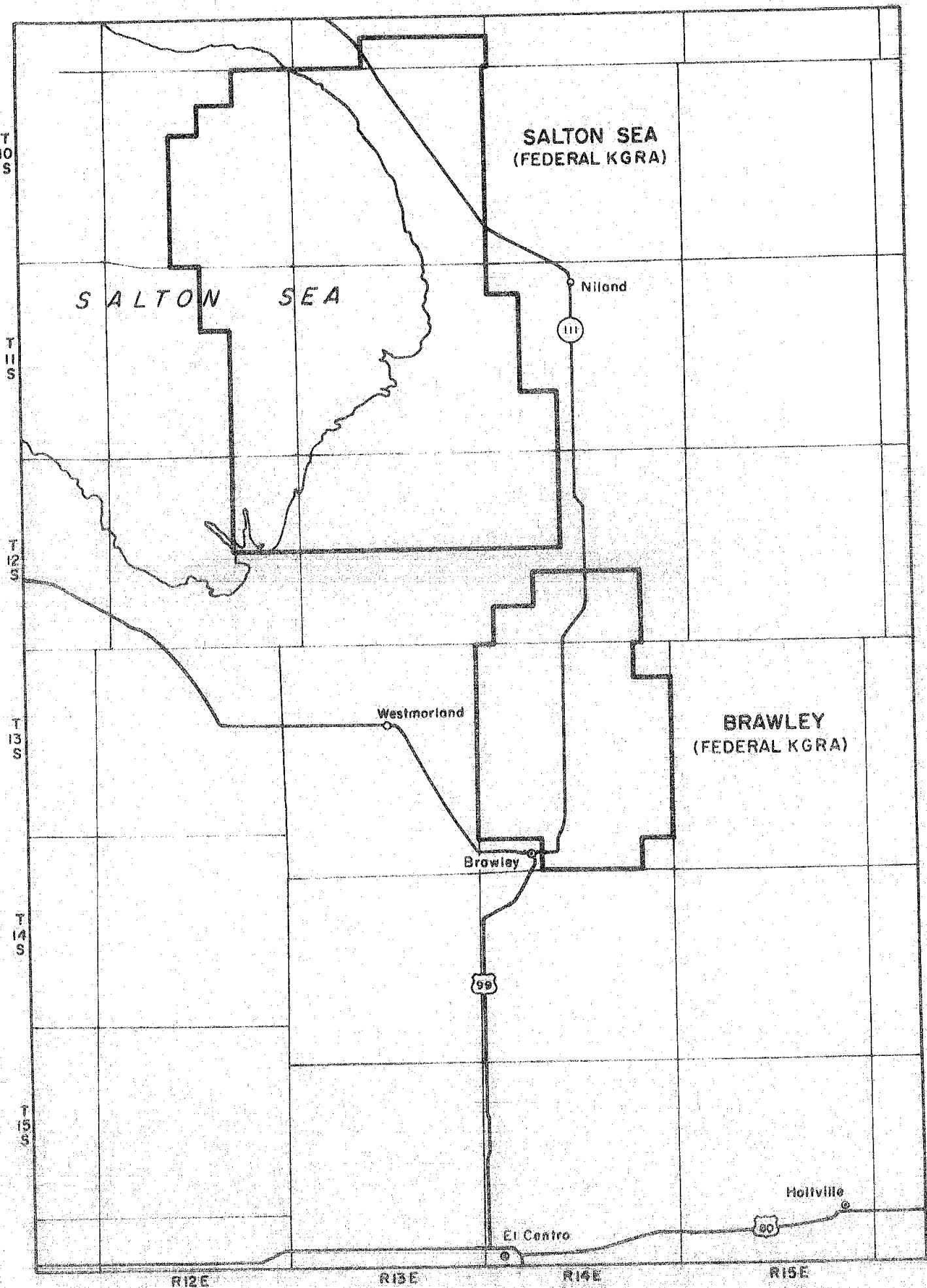
STATE OF CALIFORNIA

LOCATIONS OF U.S.G.S. DESIGNATED
"KNOWN GEOTHERMAL RESOURCE AREAS"
(K.G.R.A.'S)

TOTAL K.G.R.A. ACREAGE IN CALIFORNIA: 1,051,533



CALIFORNIA - Total K.G.R.A. Acreage: 1,051,533



Salton Sea K.G.R.A.

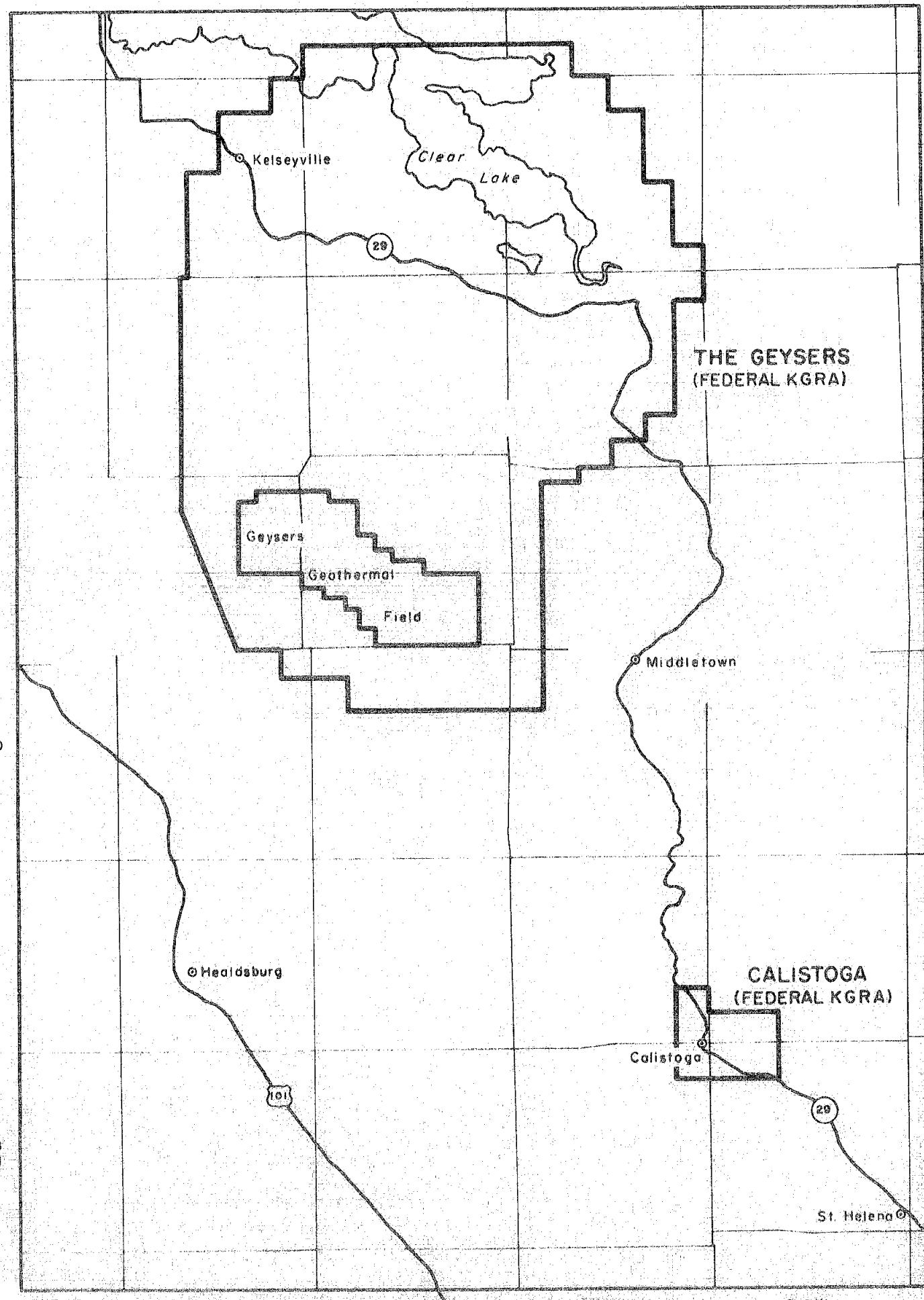
- T. 10 S., R. 12 E., SBM, Secs. 1, 2, 10 through 16, 21 through 28, and 33 through 36.
T. 11 S., R. 12 E., Secs. 1 through 3, 10 through 14, 23 through 26, 35, and 36.
T. 12 S., R. 12 E., Secs. 1, 2, and 11 through 14.
T. 9 S., R. 13 E., Secs. 33 through 36.
T. 10 S., R. 13 E., Secs. 1 through 36.
T. 11 S., R. 13 E., Secs. 1 through 36.
T. 12 S., R. 13 E., Secs. 1 through 18.
T. 11 S., R. 14 E., Secs. 7, 18, 19, and 29 through 32.
T. 12 S., R. 14 E., Secs. 5 through 8, 17, and 18.

The area described aggregates 95,824 acres, more or less.

Brawley K.G.R.A.

- T. 12 S., R. 14 E., SBM, Secs. 27 through 29 and 31 through 34.
T. 13 S., R. 14 E., Secs. 2 through 30 and 33 through 35.

The area described aggregates 28,885 acres, more or less.



ROW

R 9 W

R 8 W
SANTA ROSA 2 MI

8

R 7 W

R 6 W

The Geysers K.G.R.A.

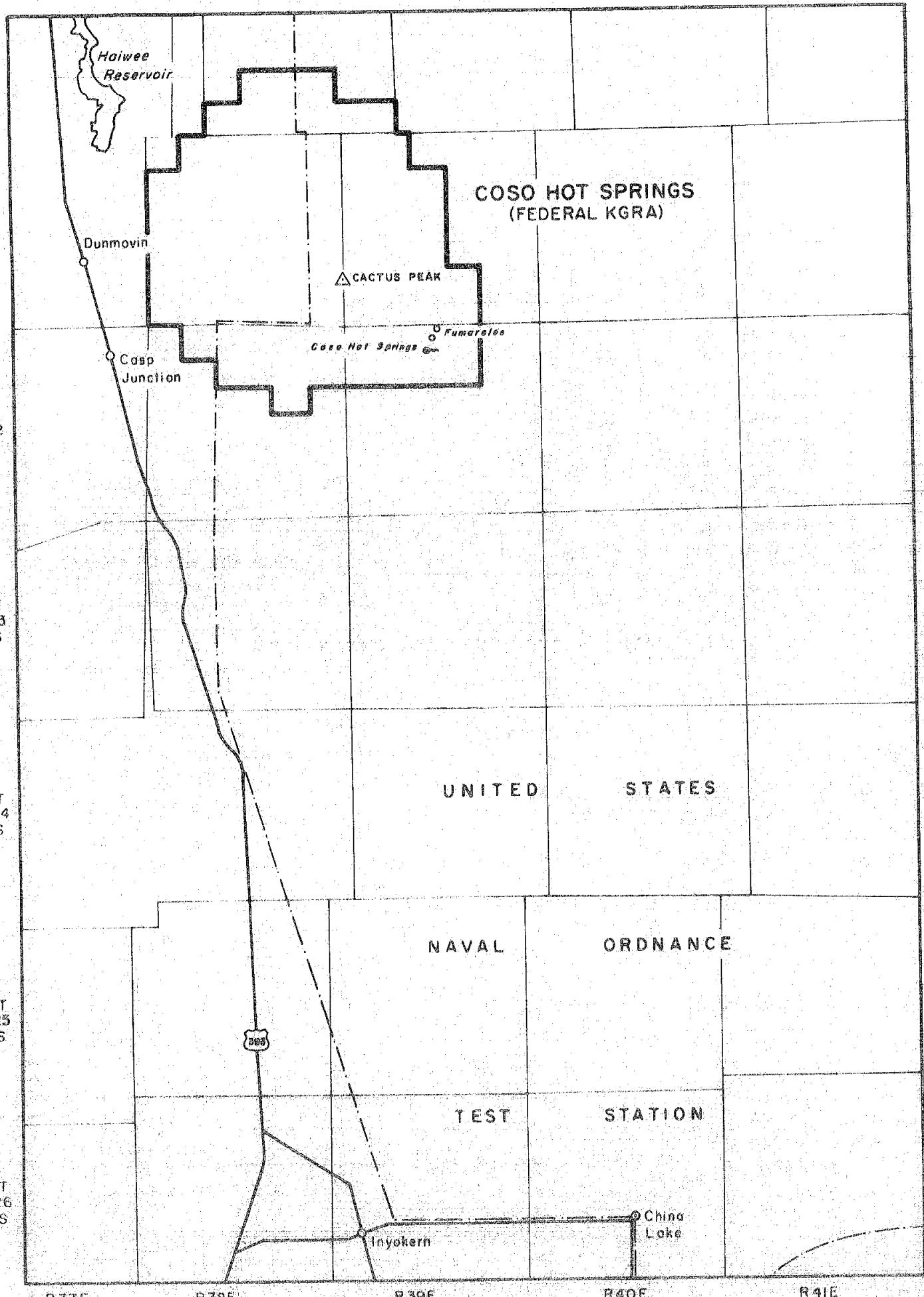
- T. 10 N., R. 7 W., MDM., Secs. 6 and 7.
T. 11 N., R. 7 W., Secs. 5 through 7, 18, 19, 30, and 31.
T. 12 N., R. 7 W., Secs. 1 through 11, 14 through 23, and 27 through 33.
T. 13 N., R. 7 W., Secs. 4 through 10, 15 through 23, and 26 through 36.
T. 14 N., R. 7 W., Secs. 31 and 32.
T. 10 N., R. 8 W., Secs. 1 through 6, and 8 through 12.
T. 11 N., R. 8 W., Secs. 1 through 36.
T. 12 N., R. 8 W., Secs. 1 through 36.
T. 13 N., R. 8 W., Secs. 1 through 36.
T. 14 N., R. 8 W., Secs. 31 through 36.
T. 10 N., R. 9 W., Sec. 1.
T. 11 N., R. 9 W., Secs. 1 through 4, 9 through 16, 22 through 27, and 34 through
36 (excluding lands within the Caslamayomi Land Grant).
T. 12 N., R. 9 W., Secs. 1 through 4, 9 through 16, 21 through 28, and 33 through
36.
T. 13 N., R. 9 W., Secs. 1, 10 through 15, 21 through 28, and 33 through 36.

The area described aggregates 163,428 acres, more or less.

Calistoga K.G.R.A.

- T. 8 N., R. 6 W., MDM, Secs. 5 and 6.
T. 9 N., R. 6 W., Secs. 31 and 32.
T. 8 N., R. 7 W., Sec. 1.
T. 9 N., R. 7 W., Secs. 25 and 36.

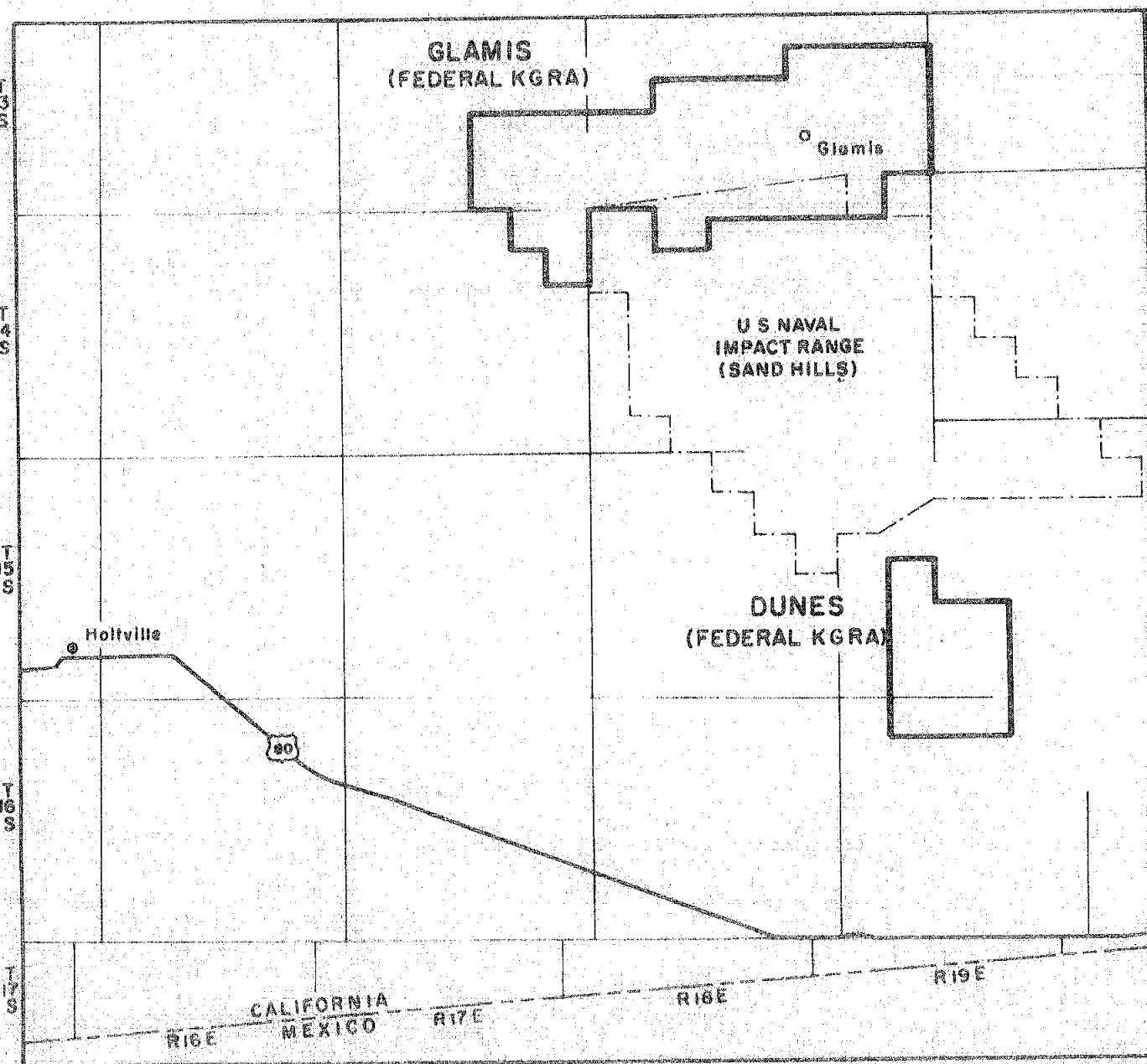
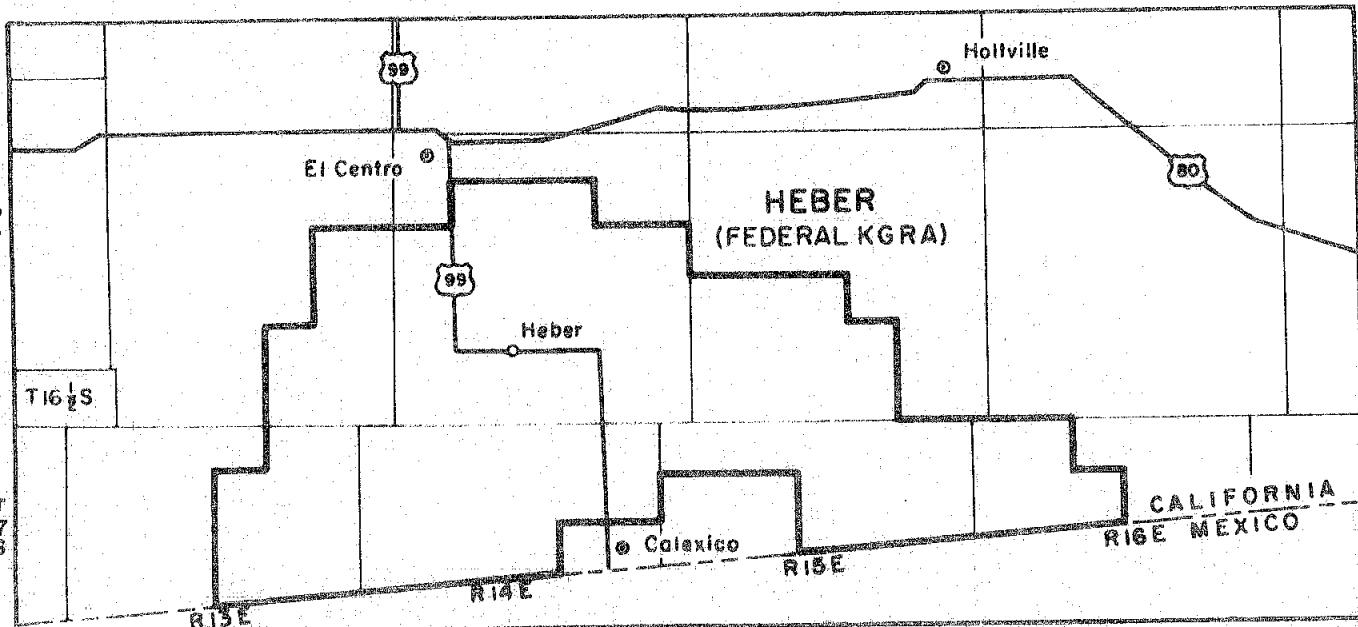
The area described aggregates 4,128 acres, more or less.



Coso Hot Springs K.G.R.A.

- T. 20 S., R. 38 E., MDM, Secs. 27 through 29 and 31 through 36.
T. 21 S., R. 38 E., Secs. 1 through 5 and 7 through 36.
T. 22 S., R. 38 E., Secs. 1 through 5, 9 through 12, and 14.
T. 21 S., R. 39 E., Secs. 5 through 9, 16 through 21, and 27 through 34.
T. 22 S., R. 39 E., Secs. 3 through 10.

The area described aggregates 51,760 acres, more or less.



Heber K.G.R.A.

- T. 16 S., R. 13 E., SBM, Secs. 13, 14, 23 through 27, and 34 through 36.
- T. 17 S., R. 13 E., Secs. 1, 2, 10 through 15, and 22 through 24.
- T. 16 S., R. 14 E., Secs. 8 through 10, and 13 through 36.
- T. 17 S., R. 14 E., Secs. 1 through 12, and 15 through 22.
- T. 16 S., R. 15 E., Secs. 19 through 21, and 27 through 34.
- T. 17 S., R. 15 E., Secs. 1 through 6, and 10 through 15.
- T. 17 S., R. 16 E., Secs. 5 through 9, and 16 through 18.

The area described aggregates 58,568 acres, more or less.

Glamis K.G.R.A.

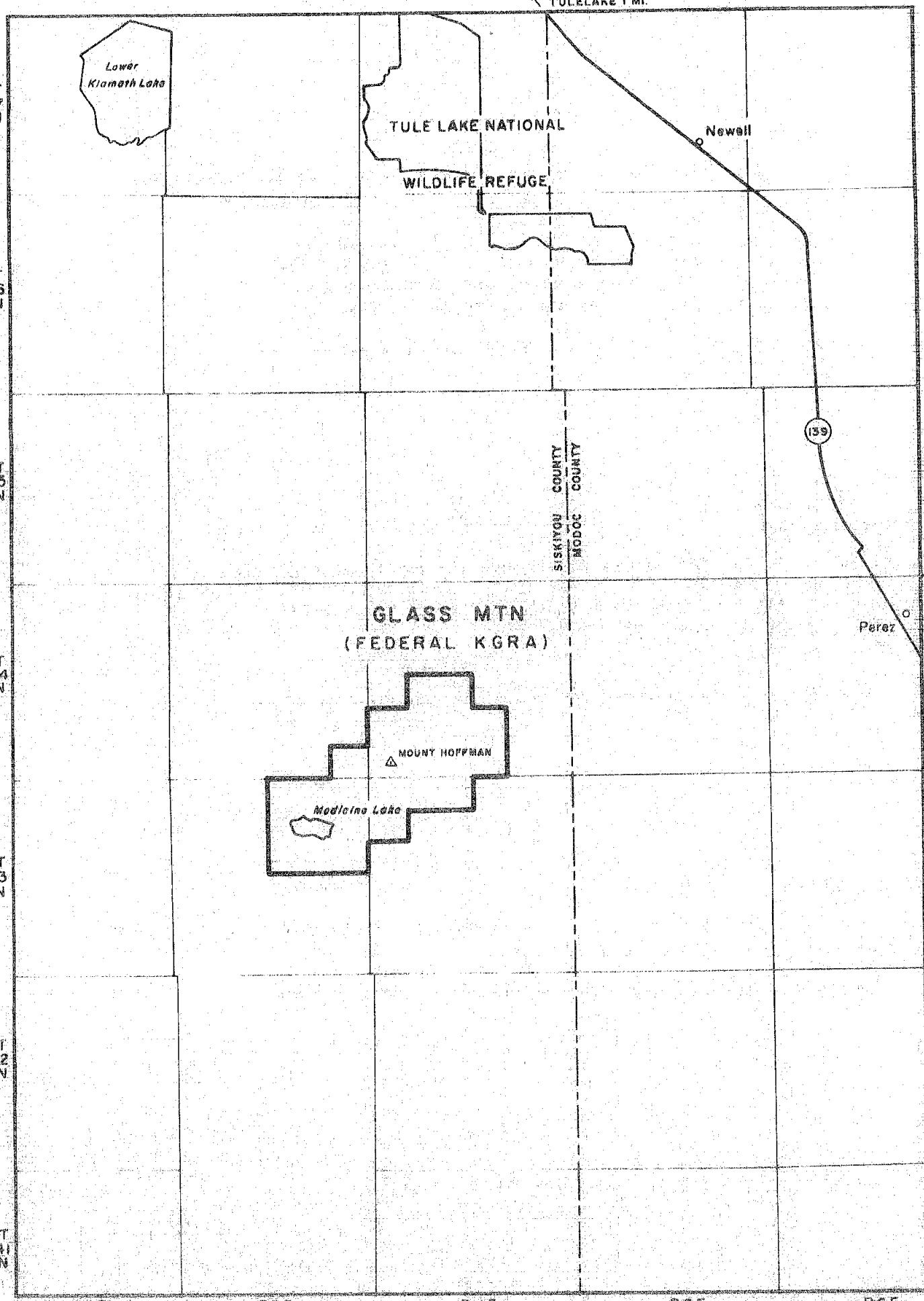
- T. 13 S., R. 17 E., SBM, Secs. 25 through 27, and 34 through 36.
- T. 14 S., R. 17 E., Secs. 1, 2, and 12.
- T. 13 S., R. 17½ E., Secs. 24 through 27, and 34 through 36.
- T. 13 S., R. 18 E., Secs. 22 through 36.
- T. 14 S., R. 18 E., Secs. 2 through 7, and 37 through 41.

The area described aggregates 25,505 acres, more or less.

Dunes K.G.R.A.

- T. 15 S., R. 19 E., SBM, Secs. 20, 27 through 29, 32 through 34, 48, and 49.
- T. 16 S., R. 19 E., Secs. 3, 4, and 5.

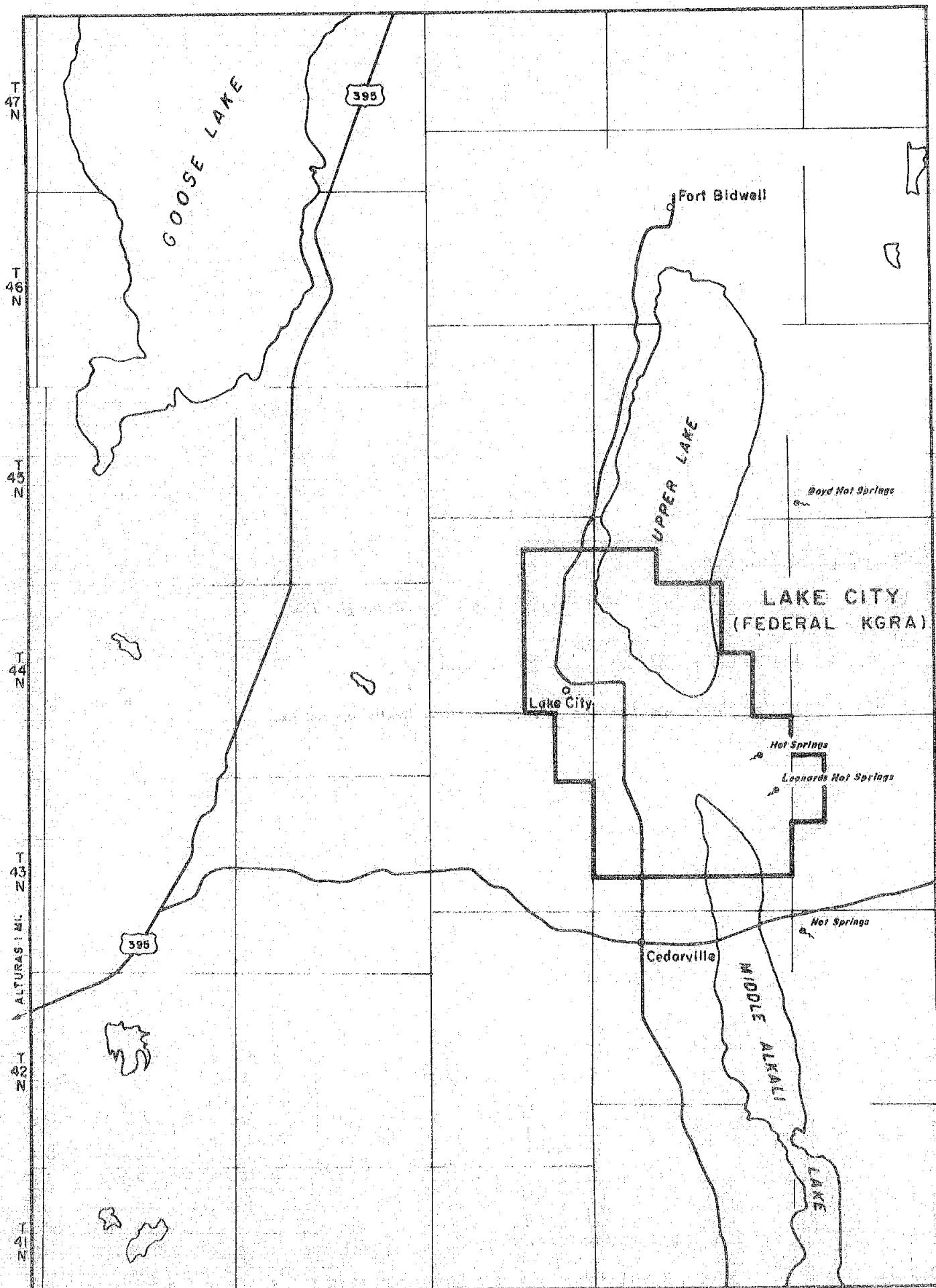
The area described aggregates 7,680 acres, more or less.



Glass Mountain K.G.R.A.

- T. 43 N., R. 3 E., MDM, Secs. 1 through 3 and 10 through 15.
- T. 44 N., R. 3 E., Sec. 36.
- T. 43 N., R. 4 E., Secs. 4 through 7.
- T. 44 N., R. 4 E., Secs. 20, 21, and 27 through 34.

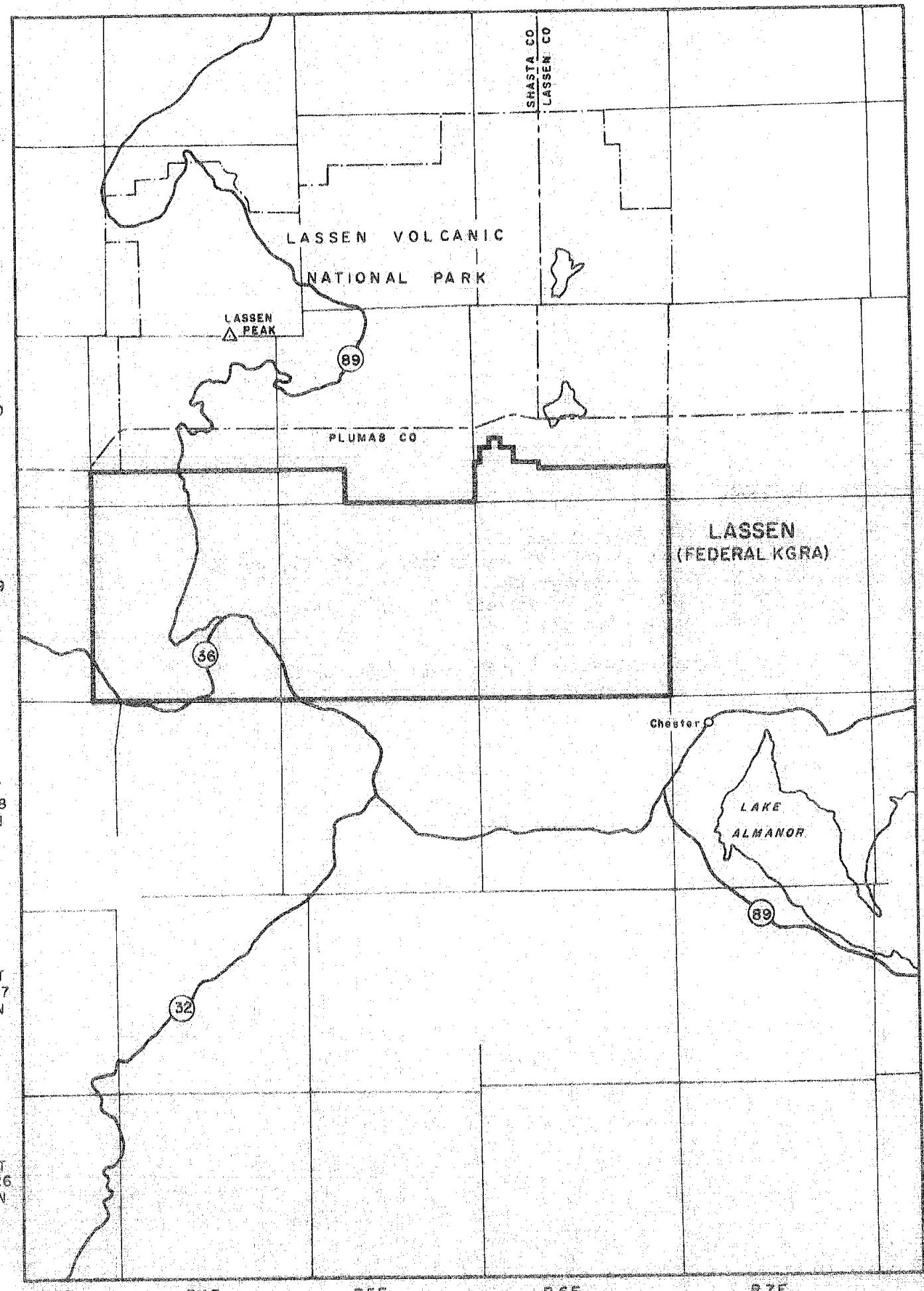
The area described aggregates 15,371 acres, more or less.



Lake City K.G.R.A.

- T. 43 N., R. 15 E., MDM, Secs. 1 and 12.
- T. 44 N., R. 15 E., Secs. 11 through 14, 23 through 26, 35, and 36.
- T. 43 N., R. 16 E., Secs. 1 through 24.
- T. 44 N., R. 16 E., Secs. 7, 8, 15 through 22, and 26 through 35.
- T. 43 N., R. 17 E., Secs. 7 and 18.

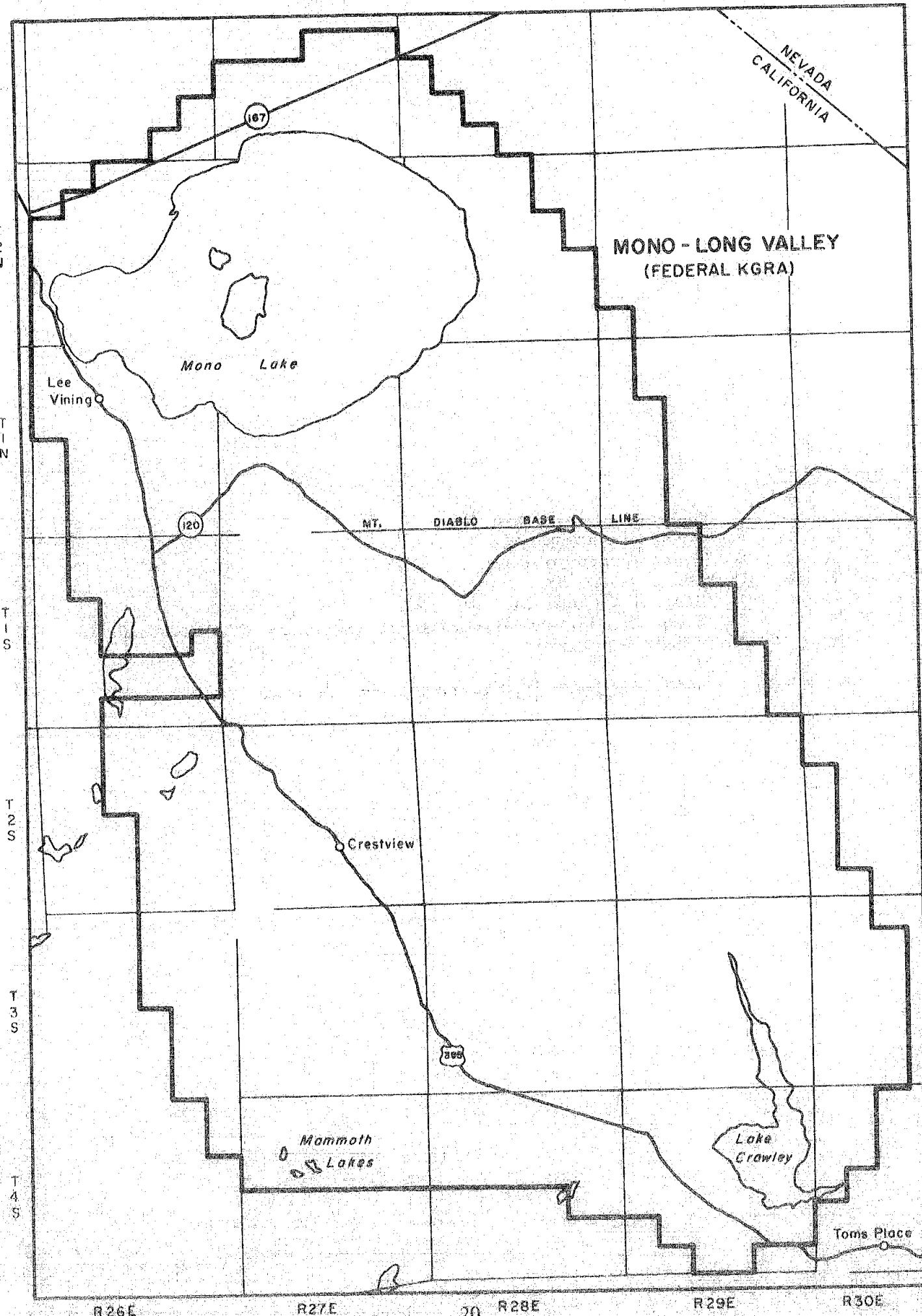
The area described aggregates 37,160 acres, more or less.



Lassen K.G.R.A.

- T. 29 N., R. 4 E., MDM, Secs. 1 through 36.
- T. 30 N., R. 4 E., Secs. 31 through 36.
- T. 29 N., R. 5 E., Secs. 1 through 36.
- T. 30 N., R. 5 E., Secs. 31 and 32.
- T. 29 N., R. 6 E., Secs. 1 through 36.
- T. 30 N., R. 6 E., Secs. 29, 30, and 31 through 36 (exclusive of those lands in Lassen Volcanic National Park).

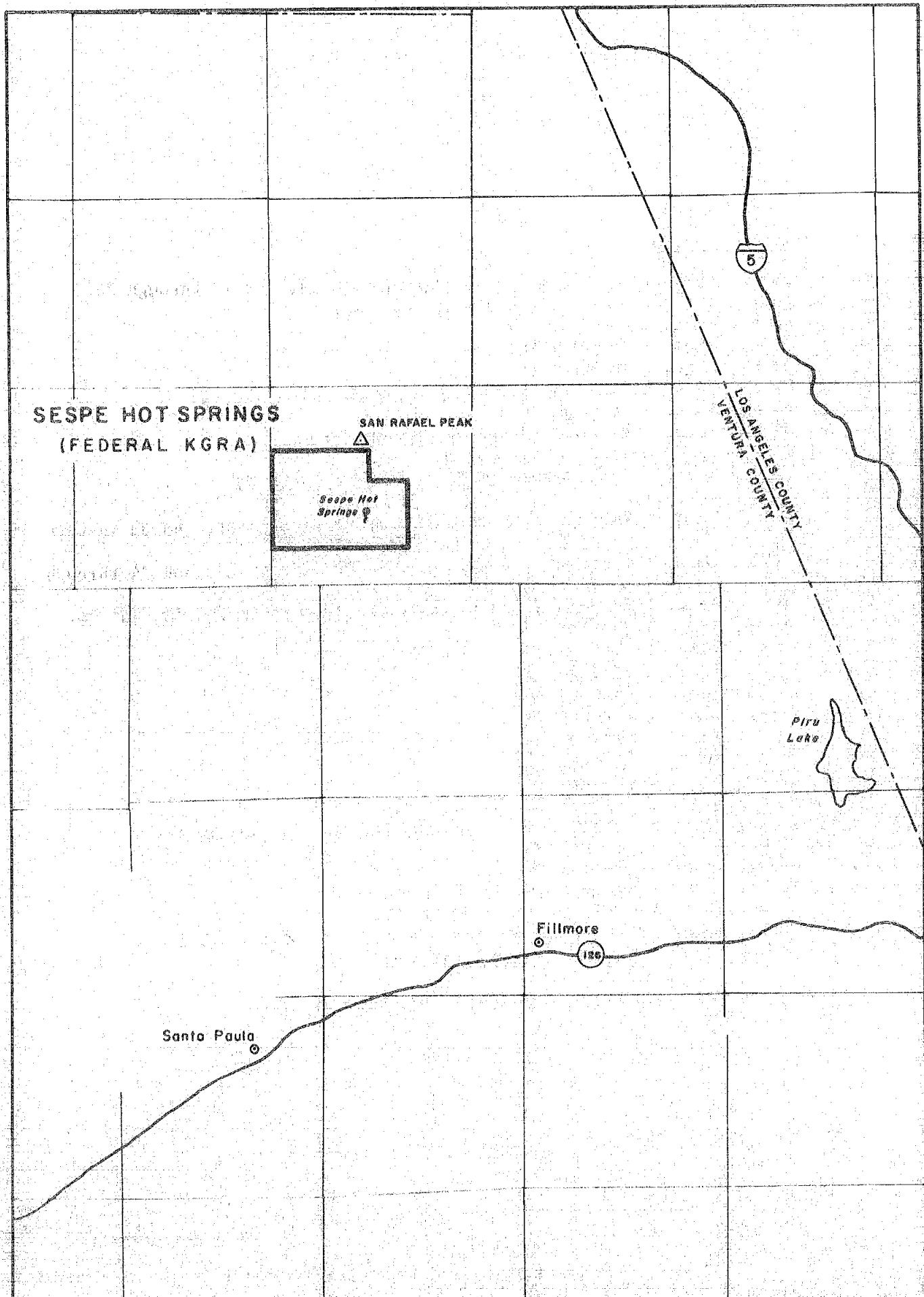
The area described aggregates 78,642 acres, more or less.



Mono-Long Valley K.G.R.A.

- T. 1 N., R. 26 E., MDM, Secs. 1 through 18, 20 through 29, and 32 through 36.
T. 2 N., R. 26 E., Secs. 1 through 4 and 8 through 36.
T. 3 N., R. 26 E., Secs. 25, 35, and 36.
T. 1 N., R. 27 E., Secs. 1 through 36.
T. 2 N., R. 27 E., Secs. 1 through 36.
T. 3 N., R. 27 E., Secs. 13 through 15 and 19 through 36.
T. 1 N., R. 28 E., Secs. 1 through 36.
T. 2 N., R. 28 E., Secs. 3 through 10 and 14 through 36.
T. 3 N., R. 28 E., Secs. 19 and 29 through 33.
T. 1 N., R. 29 E., Secs. 6, 7, 17 through 20, and 29 through 33.
T. 2 N., R. 29 E., Sec. 31.
T. 1 S., R. 26 E., Secs. 1 through 5, 8 through 16, 21 through 28, and 33 through 36.
T. 2 S., R. 26 E., Secs. 1 through 4, 9 through 16, 22 through 27, and 34 through 36.
T. 3 S., R. 26 E., Secs. 1 through 3, 10 through 15, 23 through 26, 35, and 36.
T. 4 S., R. 26 E., Secs. 1 and 12.
T. 1 S., R. 27 E., Secs. 1 through 36.
T. 2 S., R. 27 E., Secs. 1 through 36.
T. 3 S., R. 27 E., Secs. 1 through 36.
T. 4 S., R. 27 E., Secs. 1 through 18.
T. 1 S., R. 28 E., Secs. 1 through 36.
T. 2 S., R. 28 E., Secs. 1 through 36.
T. 3 S., R. 28 E., Secs. 1 through 36.
T. 4 S., R. 28 E., Secs. 1 through 18, 23, and 24.
T. 1 S., R. 29 E., Secs. 4 through 9, 15 through 22, and 26 through 35.
T. 2 S., R. 29 E., Secs. 1 through 36.
T. 3 S., R. 29 E., Secs. 1 through 36.
T. 4 S., R. 29 E., Secs. 1 through 29, 33, and 34.
T. 2 S., R. 30 E., Secs. 18, 19, and 30 through 32.
T. 3 S., R. 30 E., Secs. 5 through 9, 16 through 21, and 28 through 33.
T. 4 S., R. 30 E., Secs. 5 through 8 and 17 through 19.

The area described aggregates 460,256 acres, more or less.



Sespe Hot Springs K.G.R.A.

T. 6 N., R. 20 W., SBM, Secs. 16 through 22 and 27 through 30.

The area described aggregates 7,034 acres, more or less.

T
31
N

T
30
N

T
29
N

SUSANVILLE 3 MI.

T
28
N

T
27
N

T
26
N

T
25
N

HONEY LAKE

**WENDEL-AMEDEE
(FEDERAL KGRA)**

388

24

R15E

R14E

R13E

R16E

R15E

R16E

24

© Harlong

388

Wendel -Amedee K.G.R.A.

- T. 28 N., R. 15 E., MDM, Sec. 1
- T. 29 N., R. 15 E., Secs. 13, 14, 22 through 27, 35, and 36.
- T. 28 N., R. 16 E., Secs. 4 through 9, 17, and 18.
- T. 29 N., R. 16 E., Secs. 18 through 20, and 29 through 33.

The area described aggregates 17,292 acres, more or less.

NEVADA - Total K.G.R.A. Acreage: 344,027

Beowawe K.G.R.A.

- T. 31 N., R. 47 E., MDM, Secs. 13 and 24.
T. 31 N., R. 48 E., Secs. 1 through 5, 7 through 12, and 15 through 20.
T. 31 N., R. 49 E., Sec. 6.

The area described aggregates 12,712 acres, more or less.

Brady Hot Springs K.G.R.A.

- T. 22 N., R. 26 E., MDM, Secs. 1 through 4, 9 through 16 and 21 through 27.
T. 23 N., R. 26 E., Secs. 34 through 36.
T. 22 N., R. 27 E., Secs. 6 through 8, 17 through 19, and 30.
T. 23 N., R. 27 E., Sec. 31.

The area described aggregates 19,020 acres, more or less.

Darrough Hot Springs K.G.R.A.

- T. 11 N., R. 42 E., MDM, Secs. 1, 12 and 13.
T. 11 N., R. 43 E., Secs. 5 through 9, and 16 through 20.

The area described aggregates 8,398 acres, more or less.

Double Hot Springs K.G.R.A.

- T. 36 N., R. 26 E., MDM, Secs. 3 through 5, 8 through 10, 15, 16, 21 through 23,
26, 27, and 34.
T. 37 N., R. 26 E., Secs. 32, and 33.

The area described aggregates 10,816 acres, more or less.

Elko Hot Springs K.G.R.A.

- T. 34 N., R. 55 E., MDM, Secs. 14 through 17, 20 through 23, 26 through 29, 33,
and 34.

The area described aggregates 8,960 acres, more or less.

Fly Ranch K.G.R.A.

- T. 34 N., R. 23 E., MDM, Secs. 1, 2, 11 through 14, 23, and 24.

The area described aggregates 5,125 acres, more or less.

Gerlach K.G.R.A.

- T. 32 N., R. 23 E., MDM, Secs. 3, 4, 8 through 11, 14 through 17, and 20 through
23.

The area described aggregates 8,972 acres, more or less.

NEW MEXICO - Total K.G.R.A. Acreage: 152,863

Baca Location No. 1 K.G.R.A.

- T. 18 N., R. 3 E. (partly unsurveyed), NMPM, Secs. 1 through 18 (excluding lands within the Canyon De San Diego Land Grant).
T. 19 N., R. 3 E. (partly unsurveyed), Secs. 1 through 36.
T. 20 N., R. 3 E. (partly unsurveyed), Secs. 1 through 4, 8 through 17, and 19 through 36.
T. 21 N., R. 3 E. (partly unsurveyed), Secs. 33 through 36.
T. 18 N., R. 4 E., Secs. 2 through 10, 17, and 18.
T. 19 N., R. 4 E. (unsurveyed), Secs. 1 through 36.
T. 20 N., R. 4 E. (unsurveyed), Secs. 1 through 36.
T. 21 N., R. 4 E. (partly unsurveyed), Secs. 25 through 36.
T. 19 N., R. 5 E. (unsurveyed), Secs. 3 through 10, 15 through 22, and 27 through 34.
T. 20 N., R. 5 E. (unsurveyed), Secs. 1 through 36.
T. 21 N., R. 5 E. (partly unsurveyed), Secs. 29 through 33.

The area described aggregates 152,863 acres, more or less.

OREGON - Total K.G.R.A. Acreage: 84,279

Breitenbush Hot Springs K.G.R.A.

- T. 9 S., R. 7 E., WM, Secs. 7 through 9, 15 through 22, and 28 through 30.

The area described aggregates 8,960 acres, more or less.

Carey Hot Springs K.G.R.A.

- T. 6 S., R. 6 E., WM, Secs. 24, 25, and 36.
T. 6 S., R. 7 E., Secs. 19 through 21, and 28 through 33.

The area described aggregates 7,579 acres, more or less.

Crump Geyser K.G.R.A.

- T. 38 S., R. 24 E., WM, Secs. 13 through 15, 22 through 28, and 33 through 36.
T. 39 S., R. 24 E., Secs. 1 through 4, 9 through 16, 21 through 28, and 33 through 36.

The area described aggregates 21,304 acres, more or less.

Klamath Falls K.G.R.A.

- T. 38 S., R. 9 E., WM, Secs. 15 through 22, and 26 through 35.
T. 39 S., R. 9 E., Secs. 1 through 5, and 9 through 12.

The area described aggregates 17,300 acres, more or less.

Lakeview K.G.R.A.

T. 38 S., R. 20 E., WM, Secs. 32 and 33.

T. 39 S., R. 20 E., Secs. 3 through 5, 8 through 10, 15 through 17, 20 through 22, 27 through 29, 33 and 34.

The area described aggregates 12,165 acres, more or less.

Mount Hood K.G.R.A.

T. 2 S., R. 9 E., WM, Secs. 16 through 22, and 27 through 33.

The area described aggregates 8,671 acres, more or less.

Vale Hot Springs K.G.R.A.

T. 18 S., R. 45 E., WM, Secs. 15 through 22, 27 through 30, 32, and 33.

The area described aggregates 8,940 acres, more or less.

UTAH - Total K.G.R.A. Acreage: 13,521

Crater Springs K.G.R.A.

T. 14 S., R. 8 W., SLM, Secs. 10, 11, 14 through 16, 21 through 23, 27 through 29, 32, and 33.

The area described aggregates 8,320 acres, more or less.

Roosevelt K.G.R.A.

T. 26 S., R. 9 W., SLM, Secs. 33 and 34.

T. 27 S., R. 9 W., Secs. 3, 4, 9, 10, 15, and 16.

The area described aggregates 5,201 acres, more or less.

WASHINGTON - Total K.G.R.A. Acreage: 17,622

Mount St. Helens K.G.R.A.

T. 8 N., R. 5 E., WM, Secs. 1 through 18.

T. 9 N., R. 5 E., Secs. 21, 22, 26 through 29, and 31 through 35.

The area described aggregates 17,622 acres, more or less.